

PTO-FORM 1449

Sheet 1 of 1

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
51271/33 US
(Avigen Ref. 1023.US)APPLICATION NO.
10/056,788Title: MUSCLE DIRECTED GENE TRANSFER BY USE OF
RECOMBINANT AAV-1 AND AAV-6 VIRIONS

APPLICANT - Allen

Art Unit: 1635

FILING DATE-
January 23, 2002EXAMINER
Brian A. Whiteman

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
ph	1	6,221,349	Apr. 24, 2001	Couto et al.	A61K	35/00	Jul. 30, 1999

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication, etc.)

RV	2	Flotte et al., Clinical Protocol "Phase I Trial of Intramuscular Injection of a Recombinant Adeno-Associated Virus Alpha 1-Antitrypsin (rAAV2-CB-hAAT) Gene Vector to AAT-Deficient Adults, <i>Human Gene Therapy</i> 14:93-128 (2004).					
	3	Song et al., Recombinant adeno-associated virus-mediated alpha-1 antitrypsin gene therapy prevents type I diabetes in NOD mice, <i>Gene Therapy</i> (2004).					
	4	Mochizuki et al., Long-term correction of hyperphenylalaninemia by AAV-mediated gene transfer leads to behavioral recovery in phenylketonuria mice, <i>Gene Therapy</i> (2004).					
	5	Galeano et al., Adeno-associated viral vector-mediated human vascular endothelial growth factor gene transfer stimulates angiogenesis and wound healing in the genetically diabetic mouse, <i>Diabetologia</i> (2003).					
	6	Tsai et al., Gene treatment of cerebral stroke by rAAV vector delivering IL-1ra in a rat model, <i>Molecular Neuroscience, NeuroReport</i> (2003).					
DL	7	Skorupa et al., Sustained Production of β -Glucuronidase from Localized Sites after AAV Vector Gene Transfer Results in Widespread Distribution of Enzyme and Reversal of Lysosomal Storage Lesions in a Large Volume of Brain in Mucopolysaccharidosis VII Mice, <i>Experimental Neurology</i> (1999).					

EXAMINER

Brian A. Whiteman

DATE CONSIDERED

5/24/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

CUSTOMER NO. 35735